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प्राधिकार से प्रकाशित

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नई दिल्ली, बनिवार, मई 3, 1969 (वैशाख 13, 1891)

No. 181

NEW DELHI, SATURDAY, MAY 3, 1969 (VAISAKHA 13, 1891)

इस भाग में भिन्न पुष्क संख्या दी जाती है जिससे कि यह जलग संस्थलन के रूप में रखा जा सके Separate paging is given to this Part in order that it may be filed as a separate complished

भाग III- खण्ड 2

PART III—SECTION 2

वेदेन्द्र कार्यालय द्वारा जारी की गई पेदेंद्रों और विचाइनों से सम्बन्धित अधिवृचनाएं और नोदिस Notifications and Notices issued by the Patent Office relating to Patents and Designs

THE PATENT OFFICE Patents and Designs

Calcutha the 3rd May 1969

Application for Patents

The dates shown in crescent brackets are the dates claimed under Section 78A of the Act,

The 14th April 1969

- 120856. Dynam Engineering Corporation. Improvements in or relating to microscopes.
- 120857. Franz Plasser Bahnbaumaschinen. Track packing machine.
- 120858. F. Hoffmann-La Roche & Co., Aktiengesellschaft.
 Process for the manufacture of benzodiazepines.
- 120859. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Process for the manufacture of △14-20-keto-21-dialkoxy steroids.
- 120860. Stoody Company. Metal build-up system.
- 120861 D. W. Johnson. Integrated folding slab construction,
- 120862. David Brown Gear Industries Limited. An improvement in or relating to gear units. (25th April 1968).
- 120863. David Brown Gear Industries Limited. An improvement in or relating to gear units. (25th April 1968).
- 120864. Concast AG. A method of and apparatus for continuously casting steel.
- 120865. Doctor G. V. Ramanan Fire proof palm and cocoanut leafs.
- 120866. V. Ram. Improvement in or relating to a drilling and under-reaming assembly in soft caving formations.
- 120867. Alembic Chemical Works Company Limited. Antibiotic product,

- 120868. Council of Scientific and Industrial Research. A process for the recovery of microbial cells from petroleum hydrocarbon fermentation broth,
- 120869. R. Prakash. A closure device for dispensing with pressure small quantities of liquids or pastes from unpressurised containers.
- 120870. V. Sankarasubramaniam. Improvements in our relating to protective devices for use with textile carding machines.
- 120871. S. Kapur. An electro-magnetic gate perticular for unmaned level crossing.
- 120872, U. S. Padhey. Alarming and locating lock.
- 120873. U. S. Padhey, Static Fluid—Pump, 120874. U. S. Padhey. Fluid flow meter.
- 120875. Tools & Components Combine Private Limited.

Improvements in or relating to an auxiliary device for locks, padlocks and like fastening means.

120876. Yamini Mohan Nakra. A proximity switch.

The 15th April 1969

- 120877. K. K. Xavier. An improved system and process for the supply of chips to the digesters in a pulp mill.
- 120878. K. K. Xavier. An improved equipment for chip mixing washing and supply to the transport pumps.
- 120879, K. K. Xavier. Improved coupling for thin wire ropes and chords.
- 120880, K. K. Xavier. An improved cover arrangement for the digester in a pulp mill.
- 120881. K. K. Xavier. Improvements in or relating to the construction of roof for house, building or like structures.
- 120882. K. K. Xavier. An improved reinfroced cement concrete panel for doors and windows,

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- 120883, K. K. Xavier. An improved reinforced cement concrete frame for combined door and window with ventilator on the top side.
- 120884. K. K. Xavier. An Improved reinforced cement concrete frame for combined door and window, (without ventilator on the top side).
- 120885. K. K. Xavier. An improved reinforced cement concrete frame for door with ventilator on the top side.
- 120886, K. K. Xavier. An improved reinforced cement concrete frame for door, (without ventilator on the top side).
- 120887. K. Xavier. An improved reinforced cement concrete frame for window with ventilator on the top side.
- 120888. K. K. Xavier. An improved reinforced cement concrete frame for window (without ventilator on the top side).
- 120889. K. K. Xavier. An improved vibrator equipment
- 120890. K. K. Xavier. Fabricated structural steel mould for casting reinforced cement concrete frame for combined door and window with ventilator on the top side.
- 120891. K. K. Xavier. Fabricated structural steel mould for casting reinforced cement concrete frame for doors without ventilators
- 120892. K. K. Xavier. Fabricated structural steel mould with mechanical equipment for casting partial prestressed reinforced cement concrete panels for doors and windows.
- 120893. K. K. Xavier Fabricated structural steel mould for casting reinforced cement concrete frames for windows with ventilator on the top side.
- 120894. K. K. Xavier, Fabricated structural steel mould for casting reinforced cement concrete frames for windows without ventilator no the top side,
- 120895. K. Xavier, Fabricated structural steel mould for casting reinforced cemnet concrete frame for combined door and window (without ventilator on the top side).
- 120896. K. K. Xavier. Fabricated structural steel mould for casting reinforced cement concrete frame for doors with ventilators on the top side.
- 120897. K. K. Xavier. Drafting machine floating mechanism for parallel motion drafting machines.
- 120898. K. K. Xavier, Improvements in or relating to parallel motion drafting machines.
- 120899. K. K. Xavier. Improvements in or relating to parallel motion drafting machines.
- 120900. K. K. Xavier. Improved process of making drawing boards for drafting machines.
- 120901. K. K. Xavier, Fluid operated board tilting mechanism for drawing boards or like boards for any purpose
- 120902, K. K. Xavier. Steel cabinet built in with the stand of a drawing board.
- 120903. K. K. Xavier. An improved drafting head for parallel motion drafting machine.
- 120904. K. K. Xavier. An improved locking mechanism to lock the drafting head of a drafting machine at fifteen degrees interval
- 120905. K. X. Xavier. Improvements in or relating to parallel motion drafting machines.
- 120906. K. K. Xavier. An improved locking mechanism to lock the drafting head of a drafting machine at any angle.
- 120907. K. K. Xavier. Fluid operated board lifting mechanism for drawing boards or like boards for any purpose.
- 120908. K. K. Xavier. Improvements in or relating to light arrangements for drawing boards or like boards for any purpose.

- 120909. BDH Chemicals Limited: Organic compounds. (22nd April 1968).
- 120910. BDH Chemicals Limited. Organic comopunds. (23rd April 1968).
- 120911. Unilever Limited. Packaging machine.
- 120912. N. Palaniandy. Mypony—an electromechanical power drive attachment for a two-wheeler.
- 120913. Chromewell Industries Private Limited. Tiffin, lunch or the like food carrier. [Addition to No. 111475].
- 120914. Joseph Lucas (Industries) Limited. Bulb holders. (18th April 1968).
- 120915, Joseph Lucas (Industries) Limited, Shaft and pulley assemblies, (18th April 1968).
- 120916. Joseph Lucas (Industries) Limited, Shaft and pulley, assemblies. (18th April 1968).
- 120917. G. E. Lagstrom. A central heating system.
- 120918. Arthur G. Mc Kee & Company. A process of forming weather—resistant coatings an agglomerates. [Divisional date 22nd December 1967].
- 120919 Arthur G. Mc Kee & Company. Hard dense pellet of substantial compressive strength and good weathering properties. [Divisional date 22nd December 1967].
- 120920. Siemens Aktiengesellschaft, Arrangement for forming the actual value for the regulation of a three-phase asynchronous machine.
- 120921. State of Nabraska. An improved organic synthesis process.
- 120922. Triplex Safety Glass Company Limited. Improvements in or relating to the bending of glass sheets. (17th April 1968).
- 120923. Badische Anilin-& Soda-Fabrik Aktiengesellschaft. Triazine derivatives.
- 120924. Cigarette Components Limited. Tobacco smoke filter and method for its manufacture.
- 120925, Ferodo Limited. Friction material.
- 120926, International Standard Electric Corporation, Improvements to relays, electromagnets and similar devices.
- 120927. A. K. Saxena. Poly pick weaving machine.

The 16th April 1969

- 120928, Dynamit Nobel Aktiengesellschaft, Method for producing upholstered articles,
- 120929. General Electric Company. Porosity-free calcium halophosphate phosphors and processes for their manufacture.
- 120930, Combustion Engineering, Inc. Apparatus for welding in a narrow generally vertical, straight-walled groove.
- 120931. Siemens Aktiengesellschaft. Improvements in or relating to teleprinter receivers. (11th February 1969).
- 120932. Siemens Aktiengesellschaft. Improvements in or relating to circuit arrangements for the production of telegraphic pulses. (28th January 1969).
- 120933, Euracom, Societe de personnes a responsabilite limited. Improvements in or relating to apparatuses for distributing highly carbonated liquids.
- 120934. Kawasaki Steel Corporation. A reagent for forming an insulating coating on the surface of electrical steel sheets.
- 120935. Kawasaki Steel Corporation. Oriented electrical steel sheets.
- 120936. Kautex Werk Reinold Hagen. Apparatus for blow moulding hollow articles.
- 120937. Compagnie De Saint Gobain. Sound and heat insulating rigid covering for plane and curved surfaces.
- 120938. J. L. Bedi. Protective coating composition.

- 120939. Farbenfabriken Bayer Aktiengesellschaft. Process for the prepartion of dimethylthiophosphite or of organothiophosphonour acid O-monomethyl esters.
- 120940. William Kenyon & Sons Ltd. Power transmission. (19th April 1968).
- 120941, Aerosol Inventions & Development S. A. (A.I.D.),
 Pressure filling of aerosol and like containers. (8th
 October 1968).
- 120942. Sullifoam, Inc. Improvements in or relating to an expendable pallet.
- 120943. P. B. Zollett, Self retaining occlusive pessary
- 120944, Gruppo Lepetit S. p. A. New steroids
- 120945. Roussel-Uclaf. Processes for the preparation of gona-5(10), 9(11)-dienes, and the products thus obtained. [Divisional date 2nd May 1967].
- 120946, Farbwerke Hoechst Aktiengesclischaft vormals Meister Lucius & Bruning. 3β, 14β—dihydroxy-Carda-,4,20(22)-dienolides and process for preparing them.
- 120947. The Metal Box Company of India Limited, Improvements in container closures.
- 120948. Ciba Limited. New adducts, containing epoxide groups, from polyepoxide compounds and binuclear n-heterocyclic compounds, processes for their manufacture and use.

The 17th April 1969.

- 120949. C. B. Singh. Auto K. C. water pump.
- 120950. A. Wehner Improvements in screening machines. (25th June 1968).
- 120951. Franz Plasser Bahnbaumaschinen. A method of and devices for determining the condition of a railway track.
- 120952. Buckman Laboratories, Inc. Organic esters and their use as ultratiolet light absorbers and as heat stabilizers.
- 120953. Westinghouse Electric Corporation. Stator winding for multispeed machine.
- 120954. Council of Scientific and Industrial Research, Preparation and applications of 4, 6-dichloro-2, 3-xylenol, a now germicide.
- 120955. Council of Scientific and Industrial Research. A new process for the separation of microbial cells from hydrocarbon fermentation broth.
- 120956. The Dunlop Company Limited, Improvements in or relating to tyres, (20th April 1968).
- 120957. The Dunlop Company Limited, Bonding textile materials to rubber. (24th April 1968).
- 120958. Shackleton Aviation Limited. Device for lighting cold cathode gas discharge tubes
- 120959. Rexall Drug and Chemical Company. Stabilized
- tale and/or asbestos-filled thermoplastics.

 120960, Laboratories Made, S. A. A process for preparing
- esters of p-nitrophenyl-phosphoric acid.

 120961. Bristol-Myers Company. Process for hte preparation of coumarin derivatives.
- 120962. The English Electric Company Limited. Improvements in frequency discriminators. (23rd April 1968).
- Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. New styryl-pyrazoline compounds.
- 120964, Mobil Oil Corporation, Growing micro-organisms by means of low pressure air.
- 120965. Mobil Oil Corporation. Apparatus for growing microorganisms.
- 120966. S. S. Shahani, S. S. Shahani. Improvement in or relating to cigarette lighter.

The 18th April 1969

- 120967. Franz Plasser Bahnhaumaschinen. Measuring car for recording, measuring and/or inspecting the condition of a railway permanent way.
- 120968. M. Kumar, paan operator.
- 120969, M. Kumar. Divas.
- 120970. O. P. Ganeriwala and S. Ganeriwala. Quotation for printing press.
- 120971. L. Givaudan & Cie Societe Anonyme. Derivatives of 1-ethyl-3. 3-dimethyl-cyclohexane and process for the manufacture thereof.
- 120972. Farbwerke Hoechst Aktiengesellschaft vormals

 Meister Lucius & Bruning. Thermoplastic

 moulding compositions on the basis of saturated
 polyesters.
- 120973, N. V. Philips Gloeilampenfabrieken. Field effect transistor.
- 120974. Aktiebolaget Sievfert & Fornander. Method in the manufacture of so called paper wax matches and apparatus for carrying out said method.
- 120975. Commercial Solvents Corporation. New compounds, a new racemic mixture, and processes for their preparation.
- 120976. M & T Chemicals Inc. Novel processes and compositions,
- 120977. Ahmedabad Textile Industry's Research Association. Improved spindle head and improved spindle for a ring spinning or twisting frame.
- 120978, Roussel Uclaf. Chemical compound.
- 120979. Kennedy Van Saun Corporation. Balling drum and rotary wall trimmer therefor.
- 120980. Ortho Pharmaceutical Corporation. Derivatives of the 2-(lower alkyl)-3(lower alkyl)4-aryl-3 or 4-cyclohexenecarbinols.
- 120981. Veb Chemiefaserkombinat Wilhelm-Picck-Stadt Guben, Method and apparatus for the continuous separation of multi-component mixtures of high vescosity,
- 120982. C. A. Gandhi Improvements in or relating to loading cargo.

Alteration of Date

- 104959, Ante-dated to 6th December 1963 under Section 5 of the Act.
- 104960. Ante-dated to 6th December 1963 under Section 5 of the Act.
- 112165. The claim to priority date 16th September 1966 has been disallowed and the application dated as of 30th August 1967, the date of filing in India.
- 112784. The claim to priority date 21st October 1966 has been abandoned and the application dated as of 18th October 1967, the date of filing in India.
- 113137. The claim to priority date 8th December 1966 has been abandoned and the application dated as of 13th November 1967, the date of filing in India.
- 113434. The claim to priority date 8th December 1966 has been abandoned and the application dated as of 4th December 1967, the date of filing in India.
- 113845. The claim to priority date 10th January 1967 has been abandoned and the application dated as of 29th December 1967, the date of filing in India.

Applications Accepted

Notice is hereby given that al persons interested in opposing the grant of patents on any one of the applications referred to below may at any time within four months of the date of the Gazette of India given notice to the Patent's office in the prescribed form No. 6 of the Indian Patents and Design Rules. 1933 of such opposition.

A limited number of printed copies of the specifications in the following list will be available for sale from the Government of India Book Depot, 8, Hastings Street, Calcutte in due course. The price of each specification is Rs. 2 (postage extra, if sent out of India). Requisition for the supply of printed specifications should be accompanied by the numbers of specifications as shown in the following list.

If required typed copies of the specifications together with copies of drawings, if any, can be supplied by the Patent Office on payment of the necessary charges which may be ascertained on application to the office.

The dates shown in crescent brackets are the dates allowed under Section 78-A of the Act.

83374. The Boeing Company. Process for making chlorophyll—containing algae nutrient. Accepted on 18th April 1969.

Comprises exposing the algae, in the absence of carbon, dioxide, to an intense white light until substantial bleaching of the algae has been effected.

91187, The British Petroleum Company Limited, Improvements in or relating to the treatment of hydrocarbons with simultaneous cultivation and recovery of yeast. Accepted on 11th April 1969.

Cultivating yeast producing micro-organism capable of assimilating straight chain paraffins in presence of hydrocarbon feedstock aqueous nutrient medium gas containing free oxygen, and mixing reaction product with surfactant to obtain yeast and hydrocarbons.

95461. Chas Pfizer & Co., Inc. Improved starch composition and method for the preparation thereof. Accepted on 9th April 1969.

Containing at least 0.1% by weight of sodium, potassium, calcium or magnesium salt of monoalkyl fumarate or maleate with 14—18 carbon atoms.

97096. Hindustan Lever Limited. Cheese flavour composition and process for preparing the same. Accepted on 11th April 1969.

By culturing a microorganism in a high fat medium, the micro-organism being of a type which capable of producing a cheese flavour.

104959. The British Petroleum Company Limited. Improvements in the production of yeasts from hydrocarbon. [Divisional date 6th December 1963].

Accepted on 11th April 1969.

Cultivating straight chain paraffin hydrocarbon-consuming yeast producing micro-organism in presence of feedstock consisting in part of straight chain hydrocarbons recovering fraction of micro-organism aqueous medium and residual hydrocarbons mixing with surface active agent and treating mixture to recover (a) washed fraction and (b) hydrocarbon fraction.

104960. The British Petroleum Company Limited, Improvements in carbon. [Divisional date 6th December 1963].

Accepted on 111h April 1969.

Cultivating straight chaln paraffinic hydrocarbon consuming yeast producing micro-organism in presence of feedstock in part of straight chain hydrocarbon recovering fraction containing micro-organism aqueous medium and drying same and subjecting dry impure micro-organism to solvent extraction.

107273. The British Petroleum Company Limited. Improvements in the production of yeasts from hydrocarbons hydro-carbon products and lipid containing yeasts obtained therewith. [Addition to No. 91187]. Accepted on 11th April 1969.

Cultivating straight chain paraffinle hydrocarbon consuming micro-organism which produces kipids, in feedstock in part of straight chain hydrocarbons and aqueous nutrient medium recovering fraction of yeast and aqueous medium drying same subjecting dry impure micro-organism to solvent extraction.

107274. The British Petroleum Company Limited Improvements in the production of yeasts from hydrocarbons hydrocarbon products and lipid containing yeasts obtained therewith. [Addition to No. 91187] Accepted on 11th April 1969.

Cultivating straight-chain paraffile hydrocarbons—consuming micro-organism which produces lipids in gas-oil feedstock in part of straight chain hydrocarbons and aqueous nutrient medium recovering fraction containing yeast, aqueous medium and residual hydrocarbon, mixing same with surface active agent and subjecting mixture to phase separation to obtain (a) yeast aqueous phase and residual hydrocarbons (b) hydrocarbon fraction free of normal paraffins.

108856, Hindustan Lever Limited. Tea extraction process. Accepted on 15th April, 1969,

Comprises bringing the leaves into contact with an extracting liquid comprising water and acetone, maintaining the leaves in contact with the liquid for a time sufficient to remove the desired amount of water-soluble solids and separating the spent leaves from the extract.

111104. Phillips Petroleum Company. Method and apparatus for production of carbon black. Accepted on 14th March 1969.

Forming carbon black from feedstocks by decomposition of same under suitable conditions in first, second and third zones, and separating.

111312. Development Commissioner, Small Scale Industries, Ministry of Industrial Development and Company Affairs. New Delhi, Improvements in or relating to soap compositions, Accepted on 29th March 1969.

Soap composition consisting of a soap in combination with a synthetic detergent and a builder wherein said soap is prepared from a soft oil or a mixture thereof using an alkali.

111333. Farbenfabriken Bayer Aktiengesellschaft, Reactive dyestuffs Accepted on 16th April 1969.

Characterised in that one pyrimidine ring is introduced into dyestuff intermediates linked via an amino group.

111358. V. D. Hukerikar. 1-stroke internal combustion engine. Accepted on 3rd April 1969.

Cylinder with a cylinder head at each end, a piston closed at both ends and a forked connecting rod, the piston reciprocating inside the cylinder while the connecting rod reciprocating outside the cylinder to convert the reciprocating motion of the piston into rotary motion.

111421. Ugine Kuhlmann. Process for the production of epsilon-caprolactone. (24th January 1967). Accepted on 7th April 1969.

Heating esters or polyesters of epsilon-hydroxy caproic acid between approximately 150 and 350°C in the presence of a basic compound.

111453. Celanese Corporation. Process and apparatus for the production of cross-lapped structures. Accepted on 11th April 1969.

Comprises means for continuously supplying a longitudinally moving web a support means for traversing the web and means for forming a web.

111480. D. P. Ahuja, Metal plated cellular structures. Accepted on 14th April 1969.

A three dimensional metallic structure having intercommunicating void spaces therein.

111491. Council of Scientific and Industrial Research. A process for the preparation of a cation-exchange resin, Accepted on 9th April 1969.

The coal tar/coal tar pitch is reacted with phenol and/or formal dehyde with or without catalyst prior to sulphonation with concentrated sulphuric acid or oleun.

111555. Director, Indian Agricultural Research Institute. A process for preparation of an organic manure from spent hide shavings from the gluc industry. Accepted on 11th April 1969.

Comprises dehydrating the semi solid shavings and adding thereto pine oil for removal of the

111574. The Japan Monopoly Corporation, Nikken Chemicals Co., Ltd., and Taiko Co., Ltd. Aqueous emulsion useful as coating agent for tobacco leaves, for reducing the nicotine content thereof. Accepted on 11th April 1969.

> Film forming substance is selected from higher aliphatic alcohol oxy-ethylene derivative thereof, waxes, polyvinyl acetate and polyvinyl alcohol.

111665, H. C. Andrews. Improvements in or relating to teaprocessing machines. Accepted on 11th April 1969.

> Means responsive to a predetermined amount of relative movement of shafts, are provided for stopping feed to discs,

111688. U. N. Dhebar. Burners particularly for biogas and lamps using such burners. Accepted on 17th April 1969.

Comprising burner tube, injecter, regulating needle burner cover, tube entry and means for regulating supplying gas.

111819. Tsentralny Nauchno-Issledovatelsky 1 Proektno-Konstruktorsky Kotloturbinny Institut IM. I. Pol-zunova. Method of obtaining sulphur dioxide-air mixture. Accepted on 17th April 1969.

Characterized in that sulphur containing materials are burnt at excess air coefficient $\alpha = 1.0 - 1.6$, until sulphur dioxide concentration required is obtained.

112091. Sumitomo Chemical Company, Ltd. Cyclopropanecarboxylic acid esters process for their preparation and compositions containing the same. Accepted on 14th April 1969.

By reacting a cyclopropane carboxylic acid or a cyclopropane carboxylic acid halide or an acid anhydride or lower alkyl ester or alkali metal salt or organic tertiary amine salt with a hydroxy or a halogenated compound.

112157. B. R. Patil. Improvement in or relating to pounding machine. Accepted on 15th April 1969.

Characterised in that the reciprocating motion of the pounding bas is accomplished by the rotary motion of a multiple lobed cam which raises and drops a wheel mounted on the bar.

112165. Fisons Pest Control Limited. Process for the pre-paration of 2, 3-dihydro-2-methyl-7-alkoxy-benzo-furans suitable for the production of 2, 3-dihydro-2-methyl-benzofuranols and said benzofuranols suitable for the manufacture of benzofurany! carbamates. Accepted on 14th April 1969.

Heating 1-alkoxy-2-alkenyloxy benzene with catalysts to effect claisen rearrangement and cyclivation.

112321. H. Truax. Method and apparatus for increasing the nutritive valve of soybeans. Accepted on 12th March 1969.

> Comprising a trough infra-red energy source, a cascading element thermally insulated storage hin, means for introducing and removing soybeans into trough.

112577. Council of Scientific and Industrial Reseach. Improvements in or relating to impregnation of braided linen threads with conducting carbon. Accepted on 30th March 1969.

Comprising by dipping linen in canhonaceous material, non aqueous solvent, magnetic stirrer.

112597. Bata Shoe Company Private Limited. Improvements in footwear. (7th November 1966). Accepted on 31st March 1969.

Footwear having a pocket which includes at one side a window.

112610. S. A. J. Liljendahl. A method of purifying waste liquid from water closets and other sanitary installations. Accepted on 3rd April 1969.

Characterised in a first step of sucking only the waste liquid from the water closets into an evacuated reception tank and thereafter passing the liquid into a treatment tank where the liquid is treated with the basic substance till the pH value exceeds 9.3 and a second step of mixing the treated liquid with the untreated liquid from the santtary installations,

112667. Southwestern Engineering Company. Continuous countercurrent process for the preparation of a protein concentrate from fish. Accepted on 7th April 1969.

Characterized in that in a series of alternating extraction and separation stages, solid componant from each separation stage provided for a later extraction stage and liquid compound from separation stage in earlier extraction stage.

112684. Glanzstoff Aktiengesellschaft. Process for the production of polyamides with ether bonds. July 1967). Accepted on 7th April 1969.

Comprises heating adipic acid salts of ether diamines to a polyamide forming temperature, if desired in admixture with adipic acid hexamethylene diamine salt,

112687. The Dunlop Company Limited, Improvements in or relating to polyurethene foams. (14th October 1966). Accepted on 7th April 1969.

Comprises incorporating in the polymethane foam staple fibres and then reticulating the foam.

112689. The Firestone Tire & Rubber Company. Process of producing polymers of 1, 3-butadienc. Accepted on 7th April 1969.

Comprises carrying the polymerization in the presence of a lithium based catalyst and an allene at a temperature of 212° to 400°F.

112710. Sumitomo Chemical Company, Ltd. Process for preparing fungicide and fungicidal and pesticidal composition containing same. Accepted on 9th April 1969.

> Process for producing heterocyclic compounds having 2 oxygen atoms as hetero atoms comprising reacting pentachlorobenzaldehyde with the corresponding polyhydric alcohols.

112766. J. R. Geigy A. G. Polymers of O-acrylyl-and Omethacrylyl-amidoximes. Accepted on 16th April

> Characterized by polymerizing by methods known per se compounds of formula

$$NH_2$$
 O R_1
R-C'-N-O-C'-C'-CH₂.

112784. Imperial Chemical Industries Limited, Modifying treatment of shaped articles derived from polyesters. Accepted on 11th April 1969.

> The shaped article is heated in contact with the applied copolymer at a temperature of 60°C the said copolymer has a viscosity ratio above 1.5 and upto 4.5 and contains 10 to 50% by weight of crystallisable polyester segments of repeat unity.

112809. Montecatini Edison, S.p.A. Process for removing arsenic from containing minerals, in particular from arsenical cinders of pyrite. Accepted on 18th April 1969.

> Process for removing arsenic from iron ore, and pyrite cinders characterising that the iron ores and pyrite cinders characterising that the tron ores on the pyrite cinders are mixed with line or line-stone in amount of 0.5 to 5% as Ca with regard to the weight of the mineral and the mixture is heated to 800—1000°C and the product is separated into two granulometric fractions, called fine and coarse fractions and the enriched and arsenic free

products are obtained from the two-fractions by treating the fine fraction with mineral acid and the coarse fraction by subjecting to magnetizing reduction and magnetic enrichment.

112904. General Electric Company. Process for titaniding base metals. Accepted on 15th April 1969.

Comprises forming electric cell with base metal cathode joined through external circuit to titanium anode in fused salt electrolyte of alkali metal strontium and barlum fluorides and 0.01—5 mole percent of titanium fluoride at 500°C in absence of oxygen and controlling current density at 10 amp/dm².

112950. Lonza Ltd. Process of purifying ketens. Accepted on 11th April 1969.

The temperature of the ketene is increased to atleast 50°C for at least 2 seconds before cooling it to temperature at which the acetic anhydride is separated by condensation.

112982. M & T Chemicals Inc. Nickel plating. Accepted on 17th April 1969.

By a process comprising passing current through an aqueous acidio solution containing 'nickel compound and including as semi-bright additive (a) a water soluble aldehyde R-C"-H,

wherein R is a monovalent hydrocarbon radical and (b) a water soluble acetylenic compound.

113010. Texaco Development Corporation. Improvements relating to the preparation of silanized molecular sieves and the separation of compounds using the same. Accepted on 7th April 1969.

Comprises contacting a crystalline metal alumino—silicate molecular sieve with a sllanizing agent.

113137. Rexall Drug and Chemical Company. Modified polyolefine and composition and process for preparing the same. Accepted on 11th April 1969.

Comprising a block copolymer of a polymerized ∞ -olefin and an alkyl ester of acrylic acid and a particulate solid, said solid is present in at least 10% by weight of the final composition.

113434. Fosco International Limited. Heat-insulating materials. Accepted on 17th April 1969.

Comprises granules comprising a refractory filter together with a binder at low temperature and binder effective at temperature of molten metal.

113524. Gosudarstvenny vsesojuzny institut po proektirovaniju prodpriaty koksokhimicheskoi promyshlinnosti.
Horizontal coke oven. Accepted on 14th April 1969.

Extreme peep channels have a variable cross section increasing from the deck towards vertical heating flues.

113655. Kali-Chemie Aktiengesellschaft, A method of producing calcined phosphate fertilisers. (25th October 1967). Accepted on 11th April 1969.

Wherein a granular product is prepared from a crude natural calcium phosphate, an aqueous soiution of between 40 and 75% by weight of an alkali metal hydroxide the necessary quantity of silica and 10 to 70% by weight of return material.

113657. Celanese Corporation. Process for the application of liquid to a filamentary material and apparatus for the same. Accepted on 15th April 1969.

Droplets having diameter between 5 and 120 microns and at a velocity of 30 ft. per sec. are centrifugally projected to impinge upon the filament sheet.

113710. Esso Research and Engineering Company. Ore 1e duction process. Accepted on 11th April 1969.

Hydrocarbon is fed to a reforming zone and reacted with oxygen-containing gas in presence of a reforming catalyst at pressures above 50 psig and at temperature ranging from 800—1700°F.

113843. Abbott Laboratories. Flow control device. Accepted on 15th April 1969.

Comprises a first member for receiving the tube to collapse a transverse portion of the tube in order to prevent fluid flow past collapsed transverse portion, and a second member movably connected to first member for regulating the fluid flow rate through the channel in the other transverse portion of the tube.

113845. The English Electric Company Limited. Improvements in wattmeters. Accepted on 15th April 1969.

Comprising a first modulator for modulating current, a second modulator for modulates voltage, output means for deriving out put means.

114006. K. Richards. Water chlorinating unit, Accepted on 17th April 1969.

Comprising valve means, receptacle means, conduit means, chlorinating material and aperature means.

114103. Boliden Aktiebolag. A process for roasting firon sulphide materials. Accepted on 16th April 1969.

Single stage process for roasting iron sulphide materials containing arsenic, lead or antimony to obtain a roasted iron oxide product substantially free from arsenic and sulphur, according to fluidized bed principle.

114105. Argus Chemical Corporation. A stabilizer composition for improving resistance of acrylonitrile butadiene styrene polymers to discoloration. Accepted on 17th April 1969.

Comprises an alkyl poly phosphate salt and polyhydric polycyclic phenols having at least two separate aromatic nuclei.

114238. R. S. Govil. Improvements in or relating to multipurpose polish and method of manufacturing and using the same. Accepted on 11th April 1969.

Consists of (i) shellac is dissolved in ammonical water containing alcohol, (ii) in the second stage butanol is mixed with borax, diethylphthalate, benzole acid, and casein are mixed together in a mixing drum, (iii) the mixture of second stage is mixed to the mixture of first stage, (iv) water and colour are added to the mixture.

114308. The Goodyear Tire & Rubber Company. Process for the polymerization of butadiene or mixtures thereof and catalyst composition for use in such process. Accepted on 16th April 1969.

Comprises contacting at least one diolefin under polymerisation conditions with a catalyst comprising (1) at least one organo aluminium fluoride (2) at least one organo nickel compound and (3) at least one boron compound.

114319. Kobe Steel Ltd. Metal Extrusion Press of Turntable type. Accepted on 18th April 1969.

Containers are distributively secured to a turntable so that by the intermittent revolving movement of the turn-table the individual containers are successively transferred to the extrusion station and preparatory operation stations.

114363. Council of Scientific and Industrial Research. Improvements in or relating to thermostatic shaking baths. Accepted on 14th April 1969.

Consisting of cylindrically shaped insulated tank, a plurallty of concentric circular frames, means to receive and transfer oscillatory motion from a slotted lever by means of guided pins and means to vary the radial distance of the guided pins.

114374. Stamicarbon N. V. The preparation of lactams from cycloalkanes. Accepted on 11th April 1969.

Comprises reacting under influence of irradiation at a temperature of from 10 to 90°C in a liquid phase to mixture of nitroxyl chloride hydrogen chloride and cycloalkane.

114673. G. K. Chetty. Automatic regulating device for obtaining a uniform flow of liquids. Accepted on 16th April 1969.

Automatic regulating device for obtaining a uniform flow of liquid including a liquid feeding means, an overflow gutter, a pipe outlet and a float operated telescopic pipe.

114754. BP Chemicals (U.K.) Limited. Production of peroxy compounds. (2nd March 1967). Accepted on 11th April 1969.

Reacting together ketone X—X—O with hydrogen peroxide and ammonia, X being divalent aliphatic radical.

114887. Farbenfabriken Bayer Aktiengesellschaft. Metal coated plastics. Accepted on 11th April 1969.

Comprising a plastics material containing styrene chemically incorporated therein an inorganic filler material and which also comprises a metal.

115063, Hercules Incorporated. Synthetic textile yarn and method of making same. Accepted on 11th April 1969.

Characterised in that it comprises filaments having opposed side edges and a plurality of fibrics integral with the filament along the side edges.

115141. Universal Oil Products Company. A process for preparing alkylaromatic hydrocarbons. Accepted on 16th April 1969.

Which comprises reacting an alkylatable aromatic hydrocarbon with an olefinic hydrocarbon feed stream in the presence of an acid catalyst etc.

115164. Stamicarbon N. V. Process and apparatus for screening and drying thermoplastics granules obtained in a wet granulation process. Accepted on 16th April 1969.

Comprises continuous feeding in the sieve bend, extruded wet granulate along with the cooling liquid and drying the oversize fraction in a fluid bed dier and the apparatus for carrying out the said process.

115258. Farbenfabriken Bayer Aktiengesellschaft. A process for the production of crosslinked acrylate copolymers. Accepted on 15th April 1969.

Polymerizing acrylate in presence of a carboxylic acid or a derivative thereof containing two polymerisable double bonds.

115303. Stamicarbon N. V. Apparatus for delivering a liquid orgaseous medium to discharge points. Accepted on 14th April 1969.

Which comprises connecting both the ends of feed lines to supply lines for the medium, etc.

115320. L. E. F. Sautereau. Drawing board. Accepted on 16th April 1969.

Characterized in that one of the members has an open profile and another an open profile substantially parallel to the preciding one, these two profiles enclosing each other and precise elimination of play being obtained by a slight deformation of the open profile, actuated by non-elastic means,

115395. N. K. Jain. Valve assembly for use with centrifugal pumps. Accepted on 11th April 1969.

Comprises a valve body, a flange at the base of the said valve body and a bend at the upper end formed integrally with the body of the valve and at its other end has a flange for securing the combined valve body and bend to the suction end.

115435. Siemens Aktiengesellschaft. A gearing frame. Accepted on 11th April 1969.

Comprising a housing, a tubular element having one open end disposed inside the housing, a centrally located, the element having recesses at one open end adapted to receive shatts forming part of the gearing.

115829. Universal Oil Products Company. Process for alkylating aromatic hydrocarbon. Accepted on 15th April 1969,

Reacting an aromatic hydrocarbon with an olefin hydrocarbon in presence of an alkylation catalyst,

115936. Sandoz Ltd. Dyes of the 2-halogen-4-nitro-2'-acy-lamino-4'-dialkylamino-1, 1'-azobenzenes series and a process for their production. Accepted on 17th April 1969.

Which consists in diazotizing an amine followed by coupling the so obtained diazo compound.

115939. Union Tank Car Company. Improved means for holding an annular filter cartridge in a filter tank. Accepted on 15th April 1969.

A tubular cartridge seat means mounted in plate extending therethrough so that ends communicate two different zones, first end supporting a filter cartridge fluid sealing means being placed with the ends of seat means and filter cartridge.

116087. Ruti Machinery Works Ltd. Weaving shuttle for inserting weft threads. Accepted on 14th April 1969.

The lining is attached to a carrier which comprises a projection protruding into an opening in a side wall, which projection is retained by the boundary of the opening.

116420. Nippon Tensai Scito Kabushiki Kaisha. Paper vessel assembly for transplanting seedlings. Accepted on 5th April 1969.

Plurality of rows of paper vessels being pasted together in vertically and transversely regular pattern, comprising individual paper vessels in one said row being joined by a first water soluble paste adhesive enough to be hardly torn off after the cultivation of seedlings.

116620. Stamicarbon N. V. Improvements in supported permanently magnetizable oxides and shaped bodies or coated material made therefrom. Accepted on 14th April 1969.

Suspending finely divided carrier material in a solution containing at least one magnetizable element, effecting precipitation of the magnetizable element exclusively onto the suspended carrier material as a hydroxide or an insoluble salt, and separating carrier material carrying precipitated material from the solution.

117615. Veb Farbenfabrik Wolfen. Process for the purification of natural and synthetic fats, esters and ester mixtures. (26th August 1968). Accepted on 11th April 1969.

Comprising bringing it in contact with crystalline metal alumino silicates which possesses a zeolitic structure.

117654. Mauser Kommandit—Gesellschaft. Improvements in and relating to stackable containers. Accepted on 15th April 1969.

Wherein the container shell gradually passes into a flat cone in the edge of the aperture and ends in a circumferential weld ridge and is widened below the weld ridge to a supporting ring pointing into the container deperture.

118730. Marshall Sons & Company Limited. Improved tractor hitch. (1st December 1967). Accepted on 15th April 1969.

Three links are pivotally connected to a subframe and the sub frame is pivotally connected to the tractor for swinging movement in a substantially horizontal plane.

Opposition Proceeding

One opposition entered by Wasuicorao P. Telang. to the grant of a patent on application No. 102711, made by Jethalal Manilal Shah, as notified in part III, Section 2 of the Gazette of India, dated the 23rd October, 1967, has been treated as abandoned.

Printed Specification Published

A limited number of printed copies of the undernoted specifications are available for sale from the Officer-in-Charge,

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Government of India, Central Book Depot, Street, Calcutta, at two rupees per copy: —

86932, 87201, 87202, 87222, 87229, 87232, 87233, 87272, 87315, 87360, 87823, 88494, 88536, 88598, 88623, 88629, 88632, 88656, 88660, 88674, 88676, 88708, 88712, 88752, 88767, 88770, 88783, 88785, 88807, 88836, 88839, 88916, 89143, 89144, 89611, 89706, 90045, 90138, 90140, 90272, 90319, 90364, 90426, 90815, 90856, 91021, 91077.
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Patents Sealed

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Registration of Assignments, Licences. etc. (Patents)

Assignments, licences or other transactions affecting the interests of the original patentees have been registered in the following cases. The number of each case is followed by the names of the parties claiming interests:—

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89864 M/s. The Oliver Glass Fiber Corporation.

92606
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104157

M/s. The British Motor Corporation Limited.

M/s. The British Motor Corporation Limited.

71018
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M/s. The British Motor Corporation Limited.

M/s. Societe D'Etudes Ferroviaires.
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Renewal Fees Pald

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Cessation of Fatents

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Restoration Proceedings

(1)

Notice is hereby given that an application has been made under Section 16 of the Indian Patents and Designs Act, 1911 for the restoration of following patent:—

No. 82716-Johans Andreas Dombrovskis,

The patent ceased on the 12th June 1968, owing to non-payment of renewal fee within the prescribed time and cessation of the patent was notified in Part III, Section 2 of the Gazette of India, dated the 22nd February 1969. Any person may give notice of opposition to the restoration by leaving an application on Form 6 of the Indian Patents & Designs Rules, 1933, at the Patent Office, 214, Lower Circular Road, Calcutta-17 on or before the 14th June 1969.

(2)

Notice is hereby given that an application has been made under Section 16 of the Indian Patents and Designs Act, 1911 for the restoration of following patent:—

No 93328—Gesellschaft für Linde's Eismaschinen Aktiengesellschaft

The patent ceased on the 16th April 1968, owing to non-payment of renewal fee within the prescribed time and cessation of the patent was notified in Part III, Section 2 of the Gazette of India. Any person may give notice of opposition to the restoration by leaving an application on Form 6 of the Indian Patents and Designs Rules, 1933, at the Patent Office, 214, Lower Circular Road, Calcutta-17, on or before the 7th June 1969.

(3)

Notice is hereby given that an application has been made under Section 16 of the Indian Patents and Designs Act, 1911 for the restoration of following patent:—

No. 94508-Bimal Kumar Ghosh.

The patent ceased on the 1st July 1968, owing to non-payment of renewal fee within the prescribed time and cessation of the patent was notified in Part III, Section 2 of the Gazette of India. Any person may give notice of opposition to the restoration by leaving an application on Form 6 of the Indian Patents and Designs Rules, 1933, at the Patent Office, 214, Lower Circular Road, Calcutta-17, on or before the 7th June 1969.

(4)

Notice is hereby given that an application has been made under Section 16 of the Indian Patents and Designs Act, 1911 for the restoration of following patent:—

No. 96367-Magnesium Electron Ltd.

The patent ceased on the 15th November 1967, owing to non-payment of renewal fee within the prescribed time and cessation of the patent was notified in Part III, Section 2 of the Gazette of India. Any person may give notice of opposition to the restoration by leaving an application on Form 6 of the Indian Patents and Designs Rules, 1933, at the Patent Office, 214, Lower Circular Road, Calcutta-17, on or before the 7th June 1969.

Registration of Designs

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50, of the Indian Patents and Designs Act.

The date shown in each entry is the date of registration of the designs including the entry.

The dates shown in croscent brackets are the dates claimed under Section 78-A of the Act.

- Class 1. No. 134513 Harbans Lal Sharma, G. T. Road, Shahdara-Delhi-32, Indian National, "Water tap", September 3, 1968.
- Class 1. No. 134537. Jindal Indian Pvt. Ltd., an Indian Company, 23, West Patel Nagar, New Delhi-8, "Cabinet slide", September 12, 1968.
- Class 1. No. 134542. Shalimar Traders, an Indian Partnership concern, 111, Mahatma Gandhi Road, Bombay-1, Maharashtra State, India, "An adjustable table lamp", September 13, 1968.
- Class 1. Nos. 134593 to 134595. Telco Industries, 4877 Union, Building, Bara Tooti, Sadar Bazar, Delhi-6, (Indian Partnership concern), "Paper clip", October 4, 1968.
- Class 1. Nos. 134601 to 134605. Meghdoot Industries, 2937, Gali Bhagat Singh No. 3, 'Chuna Mandi, Pahar Gani, New Delhi-1, Indian Partnership Firm, "Lock", October 4, 1968.
- Class I. No. 134945. Vummidi Parthasarathy, No. 40, Theagaraya Road, T'Nagar, Madras-17, Madras State, South India, Subject of the Indian Republic, "A tiffin carrier", December 16, 1968.
- Class 1. No. 135139. Badri Prasad Hari Das, Kotwali ke Pichhe, Mirzapur, U.P. Indian Propitory concern, "Pots", January 13, 1969.
- Class I. No. 135264. Joseph Lucas (Industries) Limited, Great King Street, Birmingham, England, Manufacturers, a British Company, "A lamp for use on a vehicle", September 27, 1968. (U.K).
- Class 3. No. 134674. Ciba of India Limited, Aarey Road, Goregaon East, Bombay-63, Maharashtra State, India, an Indian subsidiary of the Swiss pany Ciba Limited, Basle, Switzerland, "A tooth-brush container", October 15, 1968.
- Class 4. No. 135147. (1) Amulakh Popatlal Lalani, and (2) Chhotubhai Amulakh Lalani, Indian Nationals, Kelapith, Surat, Gujerath State, India "Bottles", January 14, 1969.
- Class 12. No. 134946. Visalakshi Palnisami, Post Box No. 62, Komarapalayam Post, Erode, (S. Railway), Tamil Nadu, S. India, Subject of the Indian Republic, "A candle", December 16, 1968.
- Class 14. Nos. 135473 to 135476. Jiyajeerao Cotton Mills Ltd., Indian Company, Birlanagar (Gwalior), "Textile goods", March 15, 1969.

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Design Nos. 119656 to 119658, Class-1,

CANCELLATION PROCEEDINGS, (SECTION 51A).

An application has been made by C. J. Industries (LNL), for cancellation of the registration of Design No. 131741 in the name of Mazda Motors (India). 47 GI/69

NAME INDEX FOR APPLICANTS FOR PATENTS FOR THE MONTH OF MARCH, 1969 (NOS, 120097—120657).

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Dorr-Oliver Inc.-120336.

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Eastman Kodak Co.-120392.

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Famatex G.M.B.H.—120504.

Farbenfabriken Bayer Aktiengesellschaft.—120161, 120235, 120419, 120420, 120421, 120534, 120604

Farbwerke Hoechst Aktiengesellschaft Vormals Meister Lucius & Bruning.—120126, 120127, 120157, 120158, 120159, 120441, 120444, 120484, 120546, 120547, 120628, 120629, 120645, 120646.

F. Hoffmann-La Roche & Co. Aktiengesellschaft.—120210, 120275, 120436, 120517, 120550.

Fibreglass Ltd.—120340.

Finch H. E.-120310.

Firentone Tyre & Rubber Co.-120326.

Fisons Ltd,—120229, 120262.

F. L. & J. C. Codman Co.—120102, 120103, 120104, 120105.

F. L. Smidth & Co.-120277.

Formica Corpn.—120377.

Franz Plasser Bahnbaumaschinen.-120463.

Fukuoka, T.-120433.

Fuller Co.-120170, 120238.

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Ganesan, H. J.-120282,

Gaur. V. D.-120330.

G. D. Societa in Accomandita Senaplice Di Enzo Seragnolie Ariosta Seragnoli.—120538.

General Electric Co.—120143, 120144, 120175, 120396, 120514.

Gevaert-Afga N. V .-- 120393, 120394, 120621

Ghosh, A.—120280.

Glacier Metal Co. Ltd. The .- 120335.

Glaxo Laboratories Ltd.—120332, 120333, 120334, 120596. 120597

Goetzegerke Friedrich Goetze Aktiengesellschaft,-120590,

Gokhale. V. G.—120374,

Golobart, R. B .-- 120570

Goodyear Tire & Rubber Co. The .- 120337.

Gould-National Batteries, Inc.—120483.

Gruyther, D.C.L. de.—120355,

Gupta, P. N.-120387.

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Halcon International, Inc.-120582.

Halloran, W. X.—120252.

Haque, Z -120112.

Hermann Papst,-120314.

Hesse, R. L.-120146.

Hind Razor & Blade Co, Pvt. Ltd.—120651, 120652,

Hindustan Lever Ltd,--120259, 120411.

Hirani, G. D.—120446.

Hitachi, Ltd .-- 120240.

Hodogaya Chemical Co. Ltd.—120207.

Hokko Chemical Industry Co., Ltd,--120149

Holloway, H.-120359.

Horstmann, Gear Co. Ltd. The.—120370.

Hovermarine Ltd,-120192.

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I. F. C. Cospn.-120541.

Imperial Chemical Industries Ltd.—120137, 120138, 120140, 120236, 120237, 120356, 120357, 120423, 120457, 120458, 120563, 120584, 120605.

I. C. I. Ltd,-120622, 120623,

Indian Drug Research Assn. The .- 120614.

Indo Shipping Co.-120630, 120631, 120632,

Industriele Onderneming Wavin N. V .- 120129.

International Business Machines Corpn.-120268.

Interpace Corpn.-120241.

Inventa A. G. Four Furschung and Patentverwertung.— 120592,

Itt Rayonier Inc,-120511.

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Jain, S. S.—120488.

Jervis B. Webb Co.-120601,

John Wyeth & Brother Ltd.—120606.

Joseph Lucas (Industries) Ltd.—120205, 120499, 120535, 120536, 120559, 120560, 120562, 120619.

Joseph, P. T. Dr.—120267

Joshi, A. G.-120345.

J. R. Chhabra 1PS.—120461.

J. R. Geigy A.G.—120317, 120318, 120319, 120320, 120417, 120578, 120607.

J. R. Geigy S.A.-120289.

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Kali-Chemie Aktiengesellschaft.—120213.

Kanhere, S. P.-120409.

Kautex-Werk Reinold Hagen,-120177.

Kelkar, P. K .-- 120112, 120224,

Kilkar, P. K .- 120224.

Krishan, H.-120346,

Krishnamurthi, S. I .-- 120182.

Kuhlmann, U.-120494.

Kuljian Corpn. (India) Pvt. The,-120312.

Kyowa Hakko Kogya Kabushiki Kaisha,-120273.

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Laboratori Biochimici Fargal-Pharmasint S.p.A.—120264.

Laha., B, N.-120575.

La Telemecanique Electrique.—120266.

Leningradsky metallichesky zavod imeni XXII siezda KPSS.—120316.

Lesieur-Cotelle, Societe Anonyme.—120428, 120429.

Lodge-Cottrell Ltd.—120599.

Lucknuvi, A. H. Dr.—120258.,

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Madan, R. C .- 120224.

M & T Chemicals Inc.—120287, 120529, 120530.

Manohar Industries,—120151, 120152, 120154, 120155 120179, 120180.

Maschinenfabrik Augsburg-Nurnberg Aktiengesellschaft.— 120211.

Mefina S. A.--120324, 120325, 120338.

Mehta. I. L .- 120389.

Mehta, N. H.-120123,

Mehta, R.D. Dr.-120309.

Melude S. A.-120498.

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Merck & Co., Inc.—120132, 120272, 120431, 120443, 120481, 120543, 120544, 120545, 120569, 120586, 120587, 120610, 120638.

Merrick Scale Mfg. Co.—120220, 120221.

Messer Griesheim GMBH.-120386.

Metallgesellschaft A. G.—120413.

Midland Silocones Ltd.-120500.

Min-I-Mix Corpn,—120128.

Minnesota Mining and Mfg. Co.-120299.

Mohammad, F.—120657.

Molins Machine Co. Ltd.-120248.

Monsanto Co,-120369.

Montecatini Edison S.p.A .- 120378, 120493, 120573.

Mondi Pharma Establishment.-120615, 120616,

Murthy, P. N.-120224,

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Nanavati, B. C.—120574.

Nanjundayya, C. Dr.-120309.

National Cash Register Co. The .- 120251.

N. E. Co. Ltd,-120492,

Nigam, P. C.-120224.

North American Rockwell Corpn,-120373, 120476.

Norton Co.—120351, 120627.

N. V. Machinefabriek B & S Bedrijven v.d. Woerdt .- 120216.

N. V Philips Glocilampenfabricken.—120125, 120253, 120254, 120279, 120300, 120343, 120379, 120406, 120407, 120408, 120486, 120487, 120527, 120552, 120553, 120572, 120647.

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Oisca-International, Industrial Development Mission.—120208, 120315, 120468.

Oldfield Engg. Co.-120365.

Osterreichische Stickstoffwerke Aktiengesellschaft,-120187.

Otis Elevator Co,-120339.

Oy Tampella AB.—120402.

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Palhan, R. C .- 120567.

Palitex Project-Co. G,m,b,H,--120297, 120329, 120613.

Palkhiwala, J. P.-120368.

Pan. P.-120566,

Pareck, S .- 120306,

Parke, Devis & Co.-120469, 120510,

Per Gudmar Kihlstedt,-120247.

Phillips Petroleum Co.—120239, 120301, 120513.

Pilkington Brothers Ltd.-120588.

Pioneer Oilscaling & Moulding Co. Ltd.—120232.

Pirelli Societa Per Azioni,-120497.

Pitea Maskin-Industri, Nystrom & Larsson, A.B.-120385.

P. Leiner & Sons (Encapsulations) Ltd.—120098, 120099, 120100.

Poonawalla, S. J.-120110.

Porcepp, B.—120502.

Prasad, T. N.-120636.

Prevovske Strojirny, Narodni Podnik.-120305.

Press-Und Stanzwerke Paul Craemer Kommanditgeselisohaft,—120327.

Princeton Chemical Research Inc.-120245.

Progil.--120460,

Purshothama, B .- 120350,

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Radio Foundation Engg, Ltd.-120585.

Raghavan, R. V .-- 120119.

Rajoria, R. S. M.—120107, 120197, 120491,

Ramachar, D.-120405.

R. & L. Molecular Research Ltd.-120410.

Ramamurthy T. A .- 120575.

Ranganathan, V.-120656.

Rank Xerox Ltd.—120212, 120218, 120249, 120250, 120298, 120485.

Rao, D. T. Sir.—120405.

Rao, T. D.—120650.

Rashinkar, N. V. Mrs.-120508.

Reddy, P. V .- 120438.

Redlick, R .- 120310.

Regie Nationalo Des Usiness Renault,-120160.

Research Corpn.—120565.

Research Institute for Medicine and Chemistry Inc.—120598.

R. Graesser Ltd,-120288.

Rhone—Poulenc S.A.—120168, 120453.

Roussel Uclaf.-120580, 120612,

Rubrchenie Aktiengesellschaft-120291, 120292.

Ruti Machinery Works Ltd.—120311.

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Saksena, D. N.-120256,

Salbu, H.-120381,

Sandoz Ltd.—120244, 120404, 120440, 120639

Santnanam, Dr. G.—120595,

Sathaye, N. S.—120447, 120448.

Scherico Ltd.-120380, 120519, 120520.

Schule, A .-- 120230,

Schumacher. J. S.—120424.

Scientific Advisor to the Defence Minister, The,-120209.

Scottish Agricultural Industries Ltd.—120561.

Setty, P. L .-- 120182.

Shah, B. B.—120367.

Shah, B. N .- 120367.

Shah, G. B .- 120367.

Shah, H. T.-120367.

Shah, K. C. Dr.—120540.

Sharma, M. P.—120347.

Shell Internationale Research Naatschappij N. V.-120260.

Shell Internationale Research Maatschappij N. V.—120283, 120285, 120509, 120555, 120576.

Shiddhaye M. V .- 120118.

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Siegener Aktiengesellschaft Geisweid Eisenkonstruktion Bruckenbau, Verzinkerel.—120442.

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Siemens Aktiengesellschaft-120145, 120464, 120542,

Simon-Carves Ltd,-120290,

Sikdar, C. R.—120355.

Singh, A. D.—120195.

Singh, P .- 120653.

Sinha, A. Dr.-120153.

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Sivaswamy, R. S.—120344.

Smith & Nephew Polyfabrik Ltd.—120124.

Snam Progetti S. P. A.—120163.

Societe Fives Lille-Cail .- 120401.

Societe Nationale Des Petroles D' Aquitaine Tour Aquitaine—120188.

Societe Sucriere De L'Atlantique (Engg.).—120456.

Sood, B .-- 120331.

Spitlul De Boli Infectioase Colentina.—120465.

Stamicarbon N. V.-120360.

Standard Telephones & Cables Ltd.-120156.

Steelsworth Pvt. Ltd.-120609.

Stehr. E .- 120204.

Sterling Drug Inc.—120234.

Sumitomo Chemical Co. Ltd.-120147, 120148.

Suthar. U. N.-120308.

Svenska Aktiebolaget Bromsregulator-120263.

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Takeda Chemical Industries Ltd.--120482,

Tanna, B. M .- 120222, 120313.

Taylor Tobacco Enterprises, Inc.—120644.

Techni-Chem. Co. The-120164.

Technograph Printed Circuits Ltd.—120122.

Teijin Ltd.-120274, 120642,

Toxas Instruments Inc.-120496.

Thomas Mouget & Co. (India) Ltd.-120276.

Tiger Products Private Ltd.-120120, 120121, 120225.

Tilby, S.E.—120376.

Tokyo Shibaura Electric Co. Ltd.—120223.

Tractel Tirfor India Pvt. Ltd.—120625, 120626.

Transitube S.A .-- 120564.

Triplex Safety Glass Co. Ltd.-120383.

Trw Inc,-120558.

Teentralny Nauchno-Iseledovatelsky Institut Chernoi Metallurgil Imeni L.P. Bardina—120398.

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Ucb (Union Chimique-chemische Bedrijven) S.A.—120284. Unelec.—120581.

Unilever Ltd.-120198, 120364, 120505.

Union Carbide Corpn.—120371, 120603, 120620.

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Uniroyal, Inc.-120472,

United Aircraft Corpn.-120397.

United States Steel Corpn.—120200, 120231, 120454, 120455, 120531, 120532, 120533.

Universal Electric Ltd.-120591.

Universal Oil Products Co.-120618.

Upjohn Co. The—120403, 120522, 120523, 120524, 120525, 120526,

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Vachani, P.-120111.

Vaid, R. B .- 120206.

Varda, G. D.-120493.

Varta Gesellschaft mit Beschrankter Haftung-120246.

Veb Arzneimittelwerk Dresden-120353.

Veb Leuna Werke "Walter Ulbricht"-120445.

Venkataraman, Dr. G.-120595.

Venugopalan V .- 120489.

Viswanatham, R. K .- 120405.

Vyas S.P.G.--120347.

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Vyzkumny Uston Tvarecich Saroju A Technologic Tvareni-120352.

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Wavin N. V .- 120130, 120214.

Wellcome Foundation Ltd., The-120518.

Wellman-Lord Inc.--120183, 120265,

Werkzeugmaschinenfabrik Oerlikon-Buhrie AG.-120602.

Westinghouse Electric Corpn.-120554.

Wickmen Wimet Ltd.-120261.

Wulfing J.A .- 120589.

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Yadav, R. R. Shri-120479.

Yamanouchi Pharmaceutical Co., Ltd.-120437.

Yeda Research and Development Co. Ltd.-120430.

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Zuidan Hojin Dohmya-Kukohka Kenkyu Shoreikai-120515.

S. VEDARAMAN

Controller-General of Patents, Designs & Trade Marks

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121070. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Process and device for the longitudinal drawing of plastic films and sheets.

Alteration of Date

113135. The claim to priority date 8th December 1966 has been abandoned and the application dated as of 13th November 1967, the date of filing in India.

Applications Accepted

Notice is hereby given that all persons interested in opposing the grant of patents on any one of the applications referred to below may at any time within four months of the date of the Gazette of India give notice to the Patent's office in the prescribed form No 6 of the Indian Patents and Designs Rules, 1933, of such opposition.

A limited number of printed copies of the specifications in the following list will be available for sale from the Government of India Book Depot, 8, Hastings Street, Calcutta, in due course. The price of specification is Rs. 2 (postage extra, if sent out of India). Requisition for the supply of printed specifications should be accompanied by the numbers of specifications as shown in the following list.

If required typed copies of the specifications together with copies of drawings, if any, can be supplied by the Patent Office on payment of the necessary charges which may be ascertained on application to the office.

The dates shown in crescent brackets are the dates allowed under Section 78-A of the Act.

89216. Rheinmetall G.m.b.H. A flash reducer for rifles and similar small arms. Accepted on 24th April 1969.

Comprising a wall provided with apertures for the escaps of the powder gases, and the flash reducer has an axial bore which widens conically in the forward direction and is provided with radially extending apertures widening in the outward direction from the axis of the reducer.

111474. V. R. Mitragotri. Impovements in or relating to advertisement devices. Accepted on 14th April 1969.

> The plan of the protruding peg or hanger is in the form of a rail section or is substantially in the form of a spade.

Organo-111499. Farbenfabriken Bayer Aktiengesellschaft. polysiloxane compositions convertible into elastomers (28th February 1967). [Addition to No. 99474]. Accepted on 14th April 1969,

> Comprising an organo polysiloxane and a N-silyl-lower alkyl substituted carboxylic acid amides and 1 to 15% by weight of a complex compound of titanium zirconam or aluminium.

S. Shanbhag. Improvements in or relating to automatic liquid level indicator for liquids stored in containers. Accepted on 14th April 1969. 111506. R. S. Shanbhag.

Comprising a cap having a hole in its centre and a pair of blind holes, a conical disc carry-ing a series of different coloured strips and having a hole in its centre to which a spindle is attached.

omputer Image Corporation. A system for generating voltages for representing a physical body and voltages for animating the representation of the physical body. Accepted on 18th 111554, Computer Image Corporation. April 1969.

> Comprising means for generating a plurality of length voltages, means for generating a plurali-ty of position voltages, and means for selectively varying the position voltages.

111603. G. G. Puri. Improved portable auto-lift impulse (hydraulic hammer pressure operated) pumps. Accepted on 21st April 1969.

Comprises an escape valve assembly adapted to house a spring assembly, an inclination adjusting attachment made of a circular plate of tapering thickness inserted in between the flanged joint in the drive pipe and a modified air snifter valve assembly.

111610. Allied Chemical Corporation. Improved malic acid composition and process of making the same. Accepted on 24th April 1969.

Consisting essentially of more than 50% of malic acid and less than 50% of succinic acid and containing not more than 0.30% by weight of unsaturated carboxylic acid based on the weight of malic acid.

111677. Hindustan Lever Limited. Instant tea. Accepted on 23rd April 1969.

Comprising aqueous extract of tea leaves and a pH buffer system comprising a mixture of edible acid and its alkali metal salt.

111735, S. S. Shah, Metal sleeves for screws, Accepted on 24th April 1969.

> Comprising a metal jacket tapered at the closed end, ring at open end perforation for fibre to come out,

111886. Dorr-Oliver Incorporated. Rotor for a centrifuge. Accepted on 24th April 1969.

Characterized by zero-end-play bearings between the respective coaxial shafts to prevent said conveyor from moving axially toward said screen during operation.

111905, United States Steel Corporation. Continuously cast steel slabs and method of making same, Accepted on 22nd April 1969.

> Comprising introducing molten steel into a vacuum degassing zone, reacting carbon and oxygen under vacuum, degassing the degassed steel with a metallicdeoxidizer, continuously tecming the degassed and deoxidized steel into a continuous casting mold, cooling the partially solidifying said steel in said mold and continuously withdrawing a partially solidified slah from said mold.

112014. North American Rockwell Corporation. Method of and apparatus for making tapered spring leaf blanks and the like. (23rd June 1967). Accept-ed on 24th April 1969.

Method of producing blanks of spring leaves from bar stock.

112059. V. L. Nagarkar. A device for making confectionary. [Addition to No. 63271]. Accepted on 25th April

Characterised in that a bowl shaped piece having a flange is fitted at the outside of the handle of the piston, thus providing a support for the thumbs when the device is in operation.

112433. Biuro Projektow Zakladow Przerobki Mechanicznej Wegla. Method and apparatus for wet-classifying fine-grained solids. Accepted on 19th April 1969.

Powdered material is fed to a horizontally freely rotating ring formed by washing liquid for setting the material in free rotational motion on the conical sleve surface at its larger base where the grains of defined size of the material to be classified are led off together with washing liquid.

112737. Associated Electrical Industries Limited. Improvements relating to welding. (14th October 1966).

Accepted on 16th April 1969.

Ferrule having such depth that the heat flow from the region of the weld during said subse-quent joining is slower than it would be in the absence of said ferrule.

112741. Asahi Kasei Kogyo Kabushiki Kaisha. Funnel spinning of viscose rayon filaments. Accepted on 16th April 1969.

Characterised by that in advance of the initiation of regular spinning process a liquid different from the bath liquid is led to flow through the bath liquid is led to flow through the funnel zone.

112744. J. O. Hice. Method and apparatus for cooking moist foods. Accepted on 16th April 1969.

The foodstuff is supported on a platform, surrounded by a gaseous environment, selectively presurized, heated and then the cooking chamber is cooled

112758. Montecatini Edison S.p.A. Synthesis reactor with catalyst beds for exothermic reactions at high pressure. Accepted on 16th April 1969.

Characterises by a single central boiler for the direct production of steam by means of recovery of the reaction heat, in two parts, subdivided longitudinally into two halves in which flows gases from the first and second catalyst layer respectively.

112826. American Cyanamid Company. A textile finish composition. Accepted on 19th April 1969.

Comprises 1, 3—dimethylol—4—5 dihydroxy—2—imidazolidinone, zinc nitrate and a sequester-ine agent.

112839. Rohm and Haas Company. Method of making acrytic copolymers. Accepted on 21st April 1969.

Which comprises copolymerising a monomer mixture, consisting essentially of ethyl thioethyl methacrylate and methacrylate etc.

112845. Ahmedabad Textile Industry's Research Association.

Process for modification of tamarind kernel powder. Accepted on 21st April 1969.

Process for modification of TKP comprising heating TKP in dry state in the presence of acid from 110°C to 150°C until modification to the predetermined extent has been achieved.

112955, Unilever Limited. Dehydrated meat product. Accepted on 19th April 1969,

Reducing meat to fibres, incorporating therein vegetable protein fibres in aqueous matrix of heat-coagulable protein, coagulating matrix and dehydrating product.

113048. Hovercraft Development Limited. Improvements relating to flexible wall means. (11th November 1966). Accepted on 19th April 1969.

Comprising wall members having lateral portion, side portions by inter space and constraining means.

113135. Rexall Drug and Chemical Company. Propylene block copolymers. Accepted on 25th April 1969.

Comprises a block copolymer of a crystalline propylene polymer and a polymerised amino substituted acrylic monomer.

113194. (Mrs.) Phyllis Noreen Lee. Improvements in or relating to devices for procuring high fidelity in sound systems. Accepted on 23rd April 1969.

Wherein a first loudspeaker, a series loudspeaker-capacitor combination, and a series reststore capacitor combination are connected in parallel with respect to each other to form a parallel combination to be connected to audio-frequency output side a sound system.

113391. M. L. Rathi. An improved pigment and like paste muller. Accepted on 21st April 1969.

Comprising two thick plates of ground glass the lower one being mounted over a vertical shaft having a gear device, the upper plate is stationary but hinged to rest under pressure over the lower plate, a counting means being provided to count rotations of lower plate.

113466. Gorresen's Pty. Limited. Improvements in hydraulic cement containing inert material. Accepted on 22nd April 1969.

Comprising Portland cement clinker with gypsum and an inert material, 10 to 40% ground to fineness of 2500 sq. cm./gr., or less.

113495. Palitex Project-Company G.m.b.H. Spindle brake for spinning or twisting spindles. Accepted on 19th April 1969.

Characterised in that the brake shoe is angularly displaceable round the spindle axis.

113608. The Griffith Laboratories, Inc. Method of curing emulsified meat composition. Accepted on 22nd April 1969.

The meat composition being provided to contain essentially at least one acid radical of edible acid of phosphorus, said acid radical being supplied by incorporating in the composition to be emulsified edible salt of such acid of phosphorus.

113939. Universal Oil Products Company, Sulfur production.
Accepted on 21st April 1969.

Comprising contacting solution with a solid oxidizing catalyst in a first reaction zone in presence of from about 0.50 to 0.90 atoms of oxygen per atom of sulphur in the solution and effecting conversion of sulphide to polysulphide, passing the resulting effluent to a second reaction zone, therein decomposing and recovering sulphur.

114109. D. L. Sellman. Removable element type filter trap for the cooling fluid of internal combustion engines. Accepted on 24th April 1969.

> Comprising casing defining a chamber a lid, inlet, outlet, guide means, cup shaped element, spring, sediment collecting portion.

114110. Dorr-Oliver Incorporated. Rotary drum filter. Accepted on 25th April 1969.

Characterised in that filter media surrounds filtrate channels and drum except for peripheral filtrate collecting zone comprising lower and apper complementary arcuate members are integrated in tank and other detachably secured thereto.

114283, Imperial Chemical Industries Limited. Process for the manufacture of new atactic polypropylene polymers. (31st January 1967). Accepted on 21st April 1969.

Reacting a halogenated atactle polypropylene with a nucleophilic reactant adapted to introduce an organic substituent linked through a nitrogen, oxygen or sulphur atom.

[14473] M. A. Melnikov-Eikhenvald, G. M. Kamarian, V. N. Suchkov, V. I. Djumulen and A. K. Nesterkin. Emulsifier, Accepted on 24th April 1969.

Characterized in that device comprises a tubular element provided along the casing and having liquid-pervious walls and alternately mounted internal and external tansverse partitions,

114641. The Steel Company of Wales Limited. Improvements in and relating to the refining of metals.

Accepted on 24th April 1969.

Comprising subjecting a melt of the metal to an oxygen treatment within a refining vessel by injecting into the vessel a flame fed by streams of oxygen and liquid carbonaceous fuel, wherein the particles of solids materials are entrained within the stream of liquid carbonaceous fuel.

114642. Snam Progetti S.p.A. Ethylene oxide and process for preparing the same. Accepted on 19th April 1969.

Comprising catalytically oxidising ethylene with air, and subjecting the discharge gases to combustion and expansion in an expansion turbine connected to a compressor which compresses the air used for catalytic oxidation of ethylene.

114645. The Steel Company of Wales Limited. Improvements in and relating to the refining of metals.

Accepted on 24th April 1969.

Comprising subjecting a melt of the metal to oxygen treatment until refining is complete, by injecting into the refining vessel a flame fed by streams of oxygen and liquid carbonaceous fuel, adjusting the proportions of oxygen to fuel to obtain substantially complete combustion, and locating the flame so that products of combustion but not the flame impinge on the melt.

114699, Acheson Industries, Inc. Improved solid lubricant and pigment dispersions. Accepted on 19th April 1969.

Comprising (a) lubricant or pigment particles (b) 5.-100% by weight of polymethylene polymer—copolymer of ethylene or propylene or terpolymer of ethylene, propylene and unconjugated diene monomer or mixture of these dnd (c) fluid carrier,

114818. Vercinigte Osterreichische Eisen-und Stahlwerke Aktiengesellschaft. Imrovements in or relating to a tiltable converter. Accepted on 23rd April 1969.

Annular lugs connected to shell and adapted to receive supporting member connected to carrying ring, and for bearing forces, two supporting members are arranged so that there axes lie in a plane defined by trunnlon longitudinal axes of converter.

114819. Ucb (Union Chimique-Chemische Bedrijven) S. A.
 Process for the hydrodimerization of acrylic acid derivatives. [Addition to No. 114408]. Accepted on 19th April 1969.

Comprises carrying out the reaction in a solvent medium consisting of at least one organic nitrile immiscible in water containing a free quaternary ammonlum compound.

114879. Institut Dc Recherches De La Siderurgie Française (Irsid). Improvements in processes and devices for the continuous refining of pig-iron, Accepted on 24th April 1969.

Characterized in that the decanted slag is recycled after the last refining step by feeding into one of the decantation vessels which are placed between two successive refining vessels.

114895. Kanegaluchi Boseki Kabushiki Kaisha. Production of mixed filament. Accepted on 25th April 1969.

A mixed filament comprises at least two components and forming at least 10 thin layers in an arbitary cross-section of the filament.

114939. British-American Tobacco Company Limited. Improvements relating to cigarette filters. (29th March 1967). Accepted on 19th April 1969.

Comprising tohacco smoke filtering material supporting zinc acetate in conjunction with organic or inorganic base,

115062. Swiss Aluminium Ltd. Operation of furnace for the electrolytic fusion recovery of aluminium. Accepted on 25th April 1969.

Wherein the anode effect is eliminated by piercing the crust on the surface of the electrolyte with at least one mechanical driven tool and supplying gas to the electrolyte through at least one duct located in the piercing tool.

115083. International Standard Electric Corporation. Telecommunication system. Accepted on 23rd April 1969.

Includes line scanning means, line condition detecting means, logic circuit means, and a memory.

115115. Institut Francais Du Petrole, Des Carburants Et Lubrifiants. Improved process of hydrogenating benzene. Accepted on 21st April 1969.

Carrying out the hydrogenation in presence of a solid hydrogenation catalyst in cyclohexane, first adding 0.1—10% by weight catalyst then doubling the catalyst concentration and thereafter adding and withdrawing the catalyst in equal amounts,

115202. Nestle's Products Limited. Process for the preparation of dry ten and coffee extracts, extracts so produced, and apparatus therefor. Accepted on 21st April 1969.

Comprising solidifying an aqueous tea or coffee extract by freezing, grinding the frozen extract and separating two fractions of ground material etc.

115254. Aktiebolaget Svenska Kullagerfabriken cover of elastic material for sealing through holes. Accepted on 19th April 1969.

Having a relatively flexible and projecting outer lip having a larger diameter than the inner lip and a more rigid taper-shaped inner lip, the diameter of which is smaller on the inner side, as well as possibly one or more recessed intermediate lips in between the said lips.

115291. Farbenfabriken Bayer Aktiengesellschaft. A process for the production of aqueous formaldehyde solutions. Accepted on 23rd April 1969.

Reacting a mixture of methdnol vapour, water vapour and air on a silvarcatalyst at temperature from 450 to 750°C, in which the reaction mixture is cooled to 100—200°C, accompanied by indirect generation of steam, the reaction gases are subsequently condensed in several stages and washed with the condensate.

115373. The B. F. Goodrich Company. Expansible pneumatic tire. (31st July 1967). Accepted on 19th April 1969.

Having circumferentially spaced flexible concave folds permanently set in the sidewall regions of the tyre, and a series of transversely extending grooves in the sidewall across the said fold,

115374. The B. F. Goodrich Company. Expansible pneumatic tire. (24th July 1967). Accepted on 19th April 1969.

Having a flexible concave fold permanently set in the sidewall region of the tyre, and a series of rib-like clastic material at the apex of the said fold.

115426, Knapsack Aktiengesellschaft, Process for the manufacture of carboxylic acids and unsaturated esters of carboxylic acids. Accepted on 22nd April 1969.

Reacting an olefinic compound in the presence of an aldehyde with molecular oxygen or air in the gas phuse at temperature between 120 to 250°C and in contact with a carrier catalyst containing one or more palladium compounds,

115682. Etablissement Salgad, Gunsight mounting for attachment to part of a weapon, especially a mortar. Accepted on 25th April 1969.

A gunsight mounting the locking part of which is adapted to bear by spring pressure on the part of the weapon on which the gunsight is to be thrust.

115833. Olin Mathieson Chemical Corporation. Copper base alloy. Accepted on 22nd April 1969.

Copper base alloy having 1.5 to 3.5% iron, from 0.02 to 0.21% silicon and the balance copper.

115864. American Cyanamid Company. Odor free noncaking conditioned urea composition and process of preparation. Accepted on 21st April 1969.

Comprising about 95% by weight of urea, about 0.1% 1.0% by weight of methyl ester and about 0.01% to 0.5% by weight of a water soluable acidic salt.

116402. Texaco Development Corporation. Hydrocarbon separation process. Accepted on 21st April 1969.

Comprises in passing the hydrocarbon mixture into contact with a bed of aluminosilicates and effecting the separation into various fractions stepwise containing straight and non-straight chain hydrocarbons.

111638. Tsentralny Nauchno-Issledovatelsky Institut Chernoi Metallurgii Imeni I.P. Bardina, A mould for casting an ingot, for example, in a continuous casting machine. Accepted on 24th April 1969.

> Having a cooled body of rectangular crosssection, provided with cuts along the ribs in its lower part and means disposed opposite to these cuts.

116863. Filatures Prouvost Masurel & Cie. Process for dyeing synthetic textile materials with dyestuffs in the vapour phase. Accepted on 22nd April 1969.

Comprises (a) printing a support with dyestuff in organic solvent (b) contacting same with textile (c) heating two in contact (d) for time to effect vaporisation of dyestuff at 160—220°C and (e) terminating heating and separating the two.

116951. Dunbar Kapple Inc. Pneumatic conveyor machines having swivel cyclone separators. Accepted on 23rd April 1969.

A cyclone separator having a generally circular housing with a tangential inlet pipe, the said housing having a lower portion for receiving the separated granular nuterial, feeder means connected to the lower portion of said housing having an upwardly directed axial air outlet, a suction pipe connected to said outlet, an upper swivel joint between suction pipe and separator housing.

117177. Leesona Corporation. Improvements in or relating to bobbins. Accepted on 19th April 1969.

Having a passageway extending through and having a permeable partition to provide a yarn receiving compartment,

117468. R. Prakash. Improvements in or relating to film strip viewers. Accepted on 19th April 1969.

Characterized in that the two rollers are operated by means a three sprocket driving mechanism where in the middle sprocket wheel fixed on its either side and carries a driving knob at the top such that clockwise or anticlockwise turning of which causes the cinematograph film to move upwards or downwards.

117546. Ing. C. Olivetti & C., Societa per Azioni. Device for guiding strip of paper in an adding—listing machine. Accepted on 19th April 1969.

Characterised in that the deflector extends in front of the platen and is provided with an aperture through which the type-carrying members effect printing and with an upper serrated edge constituting a cutter.

117630. Nauchno-Issledovatelsky Procktno-Konstruktorsky Institut Tekhonolgii Mashinostroenia. Device for reading information from a punched program carrier. Accepted on 24th April 1969.

Wherein knife contacts used are located immediately at each of the levers and one of its contact elements is rigidly mounted on each of levers.

118150. Suchem, Inc. Apparatus for the continuous extraction of water soluble materials from solids by diffusion and method. Accepted on 21st April 1969.

Comprising isolating quantities of solids into stacks having a uniform cross-section, intermetently moving quantities in a circular path from a first location to second, the latter one being characterised by, the reformation of a new stack from an adjacent isolated stack, forming a fresh stack of solids having uniform cross-section at the first location with each stack reformation.

118280. British Insulated Callender's Cables Limited and W. T. Glover & Co., Limited, Improvements in or relating to soldering flux compositions. (26th October 1967). Accepted on 21st April 1969.

Flux for soldering aluminium comprising the reaction products of atleast two of the following ingredients, namely ammonium hydrogen fluoride a borofluoride, and a zinc compound with a liquid compound comprising monoethanolamine and trictionalamine.

118634. Pirelli Societa Per Azioni. Device for measuring the flow and indicating the flowing direction of the impregnating fluid in fluid-impregnating electric cables. Accepted on 21st April 1969.

The movable element is defining with the duct wall a flow passage the effective area of which increases progressively with increasing displacement of the element from its neutral position.

Patent Sealed

 90968.
 99377.
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AMENDMENT PROCEEDINGS.

(1)

The amendment proposed by A. D. Steffee in respect of patent application No. 105646 as advertised in the Gazette of India, Part III, Section 2 dated the 23rd November 1968 has been allowed.

(2)

The amendment proposed by C. F. Braun & Co., in respect of patent application No. 105716 as advertised in the Gazette of India, Part III, Section 2, dated the 14th December 1968 has been allowed.

REGISTRATION OF ASSIGNMENTS, LICENCES, ETC. (PATENTS).

Assignments, licences or other transactions affecting the interests of the original patentees have been registered in the following cases. The number of each case is followed by the names of the parties claiming interests.

51771. M/s. Consolidated Foods Corporation. 73380.

73381. M/s. Aktiebolaget Pellerin/Zenith, 73382.

81629. — M/s, The S. K. Wellman Company.

87283. — M/s. Chatillon Societa Anonima Italiana per Le Fibre Tessili Artificiali S. p. A.

56972. — M/s. The British Motor Corporation Limited.

M/s, Elliott Brothers (London) Limited,

90583.

94327. — M/s, Parsons-Jurden Corporation,

60464. — M/s, Vistron Corporation.

98129. - M/s. Hindustan Lever Limited.

88895. — M/s, Associated Imports & Exports Co., Private Ltd.

96032. - M/s. Polymer Corporation Limited.

101714. — M/s. National Research Developments Corporation of India.

Renewal Fees Paid

51663. 51695. 51835. 51920. 52108. 52609. 53514. 54281. 54339. 54388. 54439. 54451. 54510. 54571. 54572. 54608. 54613. 54675, 54782, 54847, 55795, 56159, 56994, 57221. 57231, 57273, 57328, 57336, 57337, 57401, 57404, 57410, 57429. 57450. 57463. 57464. 57465. 57473. 57476. 57658. 57697. 57736. 57737. 57738. 60299. 60440. 60457. 60473. 60474, 60492, 60525, 60571, 60572, 60596, 60603, 60625, 60632. 60684. 61460. 63253, 63798. 63805. 63870, 63921. 63937, 63949, 63971, 63972, 63991, 63993, 63998, 64011. 64026, 64029, 64065, 64079, 64083, 64088, 64129, 64156. 64206. 64228. 64233. 64338. 64480. 64566. 64654. 67244. 67363. 67390. 67364. 67420, 67497. 67558. 67559, 67560. 67594. 67611. 67642. 67645. 67693. 67704. 67714. 67733. 67763, 67764, 67765, 67768, 67778, 67786, 67791, 67798, 67818. 67827, 67862, 68197, 68205, 70510, 70576, 71266, 71426. 71533. 71609. 71633. 71634. 71635. 71636. 71637. 71654, 71661, 71670, 71698, 71713, 71742, 71750, 71751. 71765, 71800, 71830, 71940, 71959, 72010, 72011, 72021, 72045, 72232, 72460, 72654, 72768, 72771, 73256, 75301, 75381, 76435, 76493, 76518, 76523, 76582, 76590, 76623, 76636, 76688, 76690, 76694, 76695, 76696, 76697, 76705. 76709. 76717. 76719. 76748. 76782. 76785. 76788. 76827. 76833. 76888. 76931. 76941. 77014. 77071. 77145. 77302. 78018. 78019. 78028. 80916. 81543. 81544. 81859. 82059. 82060. 82134. 82139 82148. 82154, 82176. 82223. 82251. 82252. 82269. 82270. 82296. 82298. 82335. 82336. 82345. 82390, 82395, 82407, 82412, 82416, 82419, 82420, 82466, 82483. 82487, 82508, 82510. 82515, 82517, 82521, 82574. 82578, 82596, 82601, 82701, 82745, 82776, 82777, 82838, 82877, 83012, 83035, 83036, 84311, 84422, 85180, 86324. 86496. 86607. 86708. 86832. 87579. 87688. 87728. 87729. 87736. 87737. 87758, 87772. 87773. 87799. 87824. 87841. 87842. 87843. 87854. 87855. 87881. 87890. 87911. 87916. 87919. 87920. 87921, 87943, 87944, 87952, 87954, 87964. 87969. 87972. 87980. 87982. 87998. 88036. 88037. 88059. 88068. 88069. 88070. 88086. 88093. 88136. 88132. 88153. 88157. 88192. 88201. 88202. 88204. 88210. 88378. 88448. 88558. 88602. 88639. 88640. 88728. 88729. 88822. 88887. 88964. 89143. 89144. 89341. 89343. 89368. 89584. 89585. 90149. 90169. 90918. 90919. 91325. 92297. 92723. 92766. 92859. 93107. 93259. 93587. 93588. 93602. 93608. 93624. 93637. 93638. 93650. 93663. 93665. 93670. 93680. 93693. 93695. 93706. 93708. 93709. 93712. 93733. 93734. 93749. 93776. 93794. 93800. 93801. 93811. 93837. 93853. 93860. 93861. 93862, 93868, 93874, 93875, 93919, 93943, 93949, 93959. 93983. 94004. 94005. 94007. 94025. 94026. 94068. 94090. 94091. 94168. 94181. 94322. 94333. 94334. 94403. 94442. 94496. 94907. 95465. 95806. 96907. 97105. 97496. 97929. 98150. 98244. 98276. 98821. 98844. 98869. 99226. 99276, 99286, 99294, 99306, 99324, 99325, 99352, 99358, 99367. 99368. 99375, 99380. 99403. 99404. 99412. 99415. 99419, 99422, 99464, 99500, 99510, 99511, 99525, 99528. 99535. 99536. 99537. 99558. 99574. 99584. 99588. 99591. 99595. 99597. 99609. 99657. 99687. 99689, 99703. 99706. 99742. 99743. 99774. 99779. 99982. 100019. 100020. 100021, 100052, 100053, 100054, 100106, 100198, 100199, 100224, 100266, 100278, 100552, 100670, 100842, 100863. 101022, 105009, 105064, 105077, 105354, 105391, 108649, 109712, 109792,

Cossation of Patents

75980, 75982, 79281, 79284, 79287, 79288, 79289, 79294, 79295, 79299, 79300, 79302, 79452, 81587, 94544, 94545, 94546, 94563.

Restoration Proceedings

(1)

Notice is hereby given that an application has been made under Section 16 of the Indian Patents and Designs Act, 1911 for the restoration of following patent:—

No. 71253.-- Societa Farmaceutici Itlia.

The patent ceased on the 31st March 1968, owing to non-payment of renewal fee within the prescribed time and cessation of the patent was notified in Part III, Section 2 of the Gazette of India. Any person may give notice of opposition to the restoration by leaving an application on Form 6 of the Indian Patents and Designs Rules, 1933, at the Patent Office, 214, Lower Circular Road, Celcutta-17, on or before the 21st June 1969.

(2)

An order has been made on the 1st March 1969, restoring the patent No. 59995 dated as of the 25th March 1957, granted to Inventa A. G. Fur Forschung Und Patentverwertung for "improvements relating to the production of the polyhydric alcohols".

(3)

An order has been made on the 10th February 1969 restoring the patent No. 78038, dated as of the 14th August 1961 granted to Ekanath Yeshwant Ranade for "improvements in or relating to heating liquids".

(4)

An order has been made on the 9th April 1969 restoring the patent No. 82309 dated as of the 18th May 1962, granted to Muljibhai Somabhai Brahmabhatt for "a device for use in internal combustion engines for cooling and humidifying the combustion air".

(5)

An order has been made on the 7th April 1969, restoring the patent No. 94946 dated as of the 29th July 1964, granted to Ramchand Jivanlal Hingorany, Miss Vidya Ramchand Hingorany for "process for manufacture of blocks for construction of structures and composition used therein".

Registration of Designs

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Indian Patents and Designs Act.

The date shown in each entry is the date of registration of the designs including the entry.

The dates shown in crescent brackets are the dates claimed under Section 78-A of the Act.

- Class 1. No. 134570. The Standard Batteries Limited, An Indian Company Registered under the Indian Companies Act, 1913, Vakola, Santa-Cruz, Bombay-55, Maharashtra, India, "Window-shutter", September 20, 1968.
- Class 1. No. 134678. Wilkinson Sword Limited, 16, Pall Mall, London, S. W. 1. England a British Company, "A holder for a combined safety razor blade and mount", April 24, 1968, (U.K.).
- Class 2. No. 134580. Pradip Plastic Moulders, 12B, Rabindra Sarani, Calcutta-1. West Bengal, India, An Indian Partnership Firm, "Diary book", September 25, 1968.
- Class 3. No. 134677. Wilkinson Sword Limited, 16, Pall Mall, London, S. W. 1., England, a British Company, "A holder for a combined safety razor blade and mount", April 24, 1968, (U.K.).
- Class 4. No. 134675. Mirror India, 1st Road, Udyognagar, Udhna, Dist. Surat, Gujarat, Indian Partnership Firm, "Mirror frame", October 16, 1968.
- Class 9. No. 135423. Sovrin Knit Works, Fategarh Road, Amritsar (Punjab), a registered firm of Indian Nationality, "Textile goods", March 13, 1969.
- Class 13. No. 135379. Shree Ganesh Dyeing & Printing Works, Kalachowky Road, Bombay-33, Nationality: Indian business concern (Partnership concern), "Textile goods including silk & art silk piece goods", March 1, 1969.

- Class 13. Nos. 135398 and 135400. The Crown Spg. & Ffg. Co., Lid., Sir Vithaldas Chambers, 16, Apollo Street, Fort, Bombay-1, Maharashtra, Nationality—Indian Company, "Textile goods", March 6, 1969.
- Class 13. Nos. 135551 to 135555. The Crown Spg. & Mfg. Co., Ltd., Sir Vithaldas Chambers, 16, Apollo Street, Fort, Bombay-1, Maharashtra, Nationality—Indian Company. "Textile goods", March 28, 1969.
- Class 14. No. 135402. The Crown Spg. & Mfg. Co., Ltd., Sir Vithaldus Chembers, 16. Apollo Street, Fort, Bombay-1, Maharashtra, Nationality--Indian Company, "Textile goods", March 6, 1969.

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Design Nos. 123829--123835 Class-1.

Design Nos. 121282, 122894, 123042, 123234, and 123427 Class- $\overline{3}$.

Design No. 120365 Class-4.

Design Nos, 120285 and 121731 Class-5.

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Design No. 99239 Class-3.

S. VEDARAMAN, Controller General of Patents,
Designs and Trade Marks.